Coronis Fusion 4MP DL (MDCC-4130)

4 MegaPixel wide-screen diagnostic color display system

Coronis Fusion 4MP DL is a multi-modality PACS display system designed to further enhance flexibility and productivity in diagnostic imaging.

Enhanced viewing comfort

With the Coronis Fusion 4MP DL, there are no more boundaries. Its ingenious design allows you to use the 30-inch workstation as two seamless 2 MegaPixel heads or one wide-screen 4 MegaPixel display. The choice is yours.

Addressing the needs of both grayscale and color imaging, the Coronis Fusion 4MP DL allows you to read CT, MR, and orthopedic images, or any other combination, side by side on a single diagnostic screen.

A perfect view from every angle

Coronis Fusion 4MP DL features the latest, breakthrough In-Plane Switching (IPS-Pro) LCD technology. This technology brings the most advanced LCD viewing characteristics on the market, setting new standards for brightness and contrast, even from a wide viewing angle.

BARCO

Visibly yours

Product specifications	Coronis Fusion 4MP DL (MDCC-4130)
Screen technology	TFT AM Color LCD Dual Domain IPS-Pro
Active screen size (diagonal)	758.36 mm (29.9")
Active screen size (H x V)	641.208 x 404.808 mm (25.25 x 15.94")
Aspect ratio (H:V)	16:10
Resolution	native 4MP (2560 x 1600) configurable to 2 x 2MP+ (1280 x 1600) configurable to 2 x 2MP (1200 x 1600)
Pixel pitch	0.2505 mm
Color imaging	Yes
Gray imaging	Yes
Color support	30 bit
Viewing angle (H, V)	170°
Uniform Luminance Technology (ULT)	Yes
Per Pixel Uniformity (PPU)	No
Ambient Light Compensation (ALC)	Yes
Backlight Output Stabilization (BLOS)	Yes (1x)
I-Guard	Yes
Maximum luminance	1000 cd/m²
DICOM calibrated luminance (ULT off)	500 cd/m²
Contrast ratio (dark reading room, typical)	1100:1
Response time (Tr + Tf)	20 ms
Video input signals	DVI-D Dual Link (2x)
USB ports	1 upstream (endpoint), 3 downstream
USB standard	2.0
Power consumption (nominal)	135W
Power save mode	Yes
Dimensions with stand (W x H x D)	Portrait: NA Landscape: 731 x 580~676 x 265 mm
Dimensions w/o stand (W x H x D)	Portrait: NA Landscape: 731 x 485 x 141 mm
Optional accessories	NA
I-Luminate button	No
RapidFrame technology	No
Net weight with stand	28.1 kg
Mounting standard	VESA (100 mm)
Screen protection	Protective, non-reflective glass cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995,IEC 60950-1:2001 1ST EDITION, CE - 89/336/EEC,CE - 93/42/EEC, DEMKO - EN 60601-1, BSMI -CNS13438(95) + CNS14336(94), VCCI, FCC class B,ICES-001 Level B, MDD class IIb, FDA 510(k),RoHS, KC, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003
Supplied accessories	Getting Started Guide Quick-Installation Sheet Video cables (2 x DVI Dual Link) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB 2.0 cable External power supply
QA software	MediCal QAWeb
Warranty	5 years

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Technical specifications are subject to change without prior notice.
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